

CLAIMS

What is claimed is:

1. A computer implemented method for remote access to files for a server, comprising:

5 receiving a task request from a remote client, the task request identifying a file in a local computer;
adding the task request to a request queue;
receiving a poll from the local agent;
sending the task request stored in the task queue,
10 responsive to the poll, to the local agent;
receiving the file at the server, responsive to the task request sent to the local agent; and
setting notification information concerning the task request, the notification information indicating that the
15 task request is complete.

2. The method of claim 1, further comprising notifying the remote client that the task request is complete, based on the notification information.

20 3. The method of claim 1, further comprising receiving a poll from the remote client, the poll causing the server to check the notification information.

25 4. The method of claim 1, further comprising:
storing the task request from the remote client in a first portion of a server side cache; and
storing the file from the local agent in a second portion of the server side cache.

5. The method of claim 1, further comprising:

receiving an instruction from the remote client
indicating how to transfer the file;

transferring the file from second portion of the server
5 side cache to the remote client, in response to the
instruction; and

removing the file from the second portion of the server
side cache.

10 6. The method of claim 1, further comprising:

receiving an instruction from the remote client
indicating where to transfer the file;

transferring the file from the second portion of the
server side cache to a second remote client, identified in
15 the instruction; and

removing the file from the second portion of the server
side cache.

7. A computer readable medium including sequences of
20 instructions for causing one or more processors to perform
acts for remote file access for a server, the sequences of
instructions comprising:

receiving a task request from a remote client, the task
request identifying a file in a local computer;

25 adding the task request to a request queue;

receiving a poll from the local agent;

sending the task request stored in the task queue,
responsive to the poll, to the local agent;

receiving the file at the server, responsive to the
30 task request sent to the local agent; and

setting notification information concerning the task request, the notification information indicating that the task request is complete.

5 8. The computer readable medium of claim 7, the sequences of instructions further comprising notifying the remote client that the task request is complete, based on the notification information.

10 9. The computer readable medium of claim 8, the sequences of instructions further comprising receiving a poll from the remote client, the poll causing the server to check the notification information.

15 10. The computer readable medium of claim 8, the sequences of instructions further comprising:

storing the task request from the remote client in a first portion of a server side cache; and

20 storing the file from the local agent in a second portion of the server side cache.

11. The computer readable medium of claim 8, the sequences of instructions further comprising:

25 receiving an instruction from the remote client indicating how to transfer the file;

transferring the file from second portion of the server side cache to the remote client, in response to the instruction; and

30 removing the file from the second portion of the server side cache.

12. The computer readable medium of claim 8, the sequences of instructions further comprising:

receiving an instruction from the remote client

5 indicating where to transfer the file;

transferring the file from the second portion of the server side cache to a second remote client, identified in the instruction; and

removing the file from the second portion of the server
10 side cache.

13. A server comprising:

a task queue for receiving a task request from a remote client, the task request identifying a file in a local
15 computer; and

a communication stack for receiving a poll from a local agent.

14. The server of claim 13, further configured to notify
20 the remote client that the task request is complete, based on the notification information.

15. The server of claim 13, further configured to receive a poll from the remote client, the poll causing the server to
25 check the notification information.

16. The server of claim 13, further configured to:

store the task request from the remote client in a first portion of a server side cache; and

store the file from the local agent in a second portion of the server side cache.

17. The server of claim 13, further configured to:

5 receive an instruction from the remote client indicating how to transfer the file;

transfer the file from second portion of the server side cache to the remote client, in response to the instruction; and

10 remove the file from the second portion of the server side cache.

18. The server of claim 13, further configured to:

15 receive an instruction from the remote client indicating where to transfer the file;

transfer the file from the second portion of the server side cache to a second remote client, identified in the instruction; and

20 remove the file from the second portion of the server side cache.

19. The server of claim 13, further comprising a database management system that holds remote client information, local agent information, and information relating users of
25 the system.

20. The server of claim 19, communicatively coupled to a speed module for translating text from the file into speech directed to the remote client.